

**SERIAL 02070 - RFP JAIL SURVEILLANCE SYSTEM**

**CONTRACT PERIOD THROUGH FEBRUARY 28, 2006**

TO: All Departments

FROM: Department of Materials Management

SUBJECT: Contract for **JAIL SURVEILLANCE SYSTEM**

Attached to this letter is published an effective purchasing contract for products and/or services to be supplied to Maricopa County activities as awarded by Maricopa County on **FEBRUARY 05, 2003**.

All purchases of products and/or services listed on the attached pages of this letter are to be obtained from the vendor holding the contract. Individuals are responsible to the vendor for purchases made outside of contracts. The contract period is indicated above.

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Wes Baysinger, Director  
Materials Management

CS/mm  
Attach

Copy to: Clerk of the Board  
James McFadden, CJFDD  
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## JAIL SURVEILLANCE SYSTEM

### 1.0 **INTENT:**

Currently, the Maricopa County Sheriff's Office is building two new jails and a Central Services facility to support these jails. These new jails will be located at 201 S. 4<sup>th</sup> Avenue, Phoenix, AZ and 3250 W. Lower Buckeye Rd., Phoenix, AZ. The Central Services facility will be located at 3150 W. Lower Buckeye Rd., Phoenix, AZ. Approximately 591 surveillance cameras will be installed in one facility, 485 cameras in the second facility and 30 cameras in the Central Services facility. These cameras will be used to monitor inmate activity in the pods, hallways and other areas. These cameras will all be connected to a matrix switch with loop-out capability. In addition to using the cameras for real-time surveillance, it is necessary to record camera viewed activity on digital media recorders.

The primary intent of this RFP is to obtain digital media recording equipment and software that will record camera images at 15 and 30 frames per second (each camera in real-time), archiving equipment (jukeboxes), UPS systems and any other equipment needed to accomplish uninterrupted recording and viewing of images and audio for these cameras. Vendors are to submit a unit price cost for the list of equipment and an hourly installation rate.

Additionally, the Sheriffs Office is needing to obtain surveillance cameras, lens, camera mounts, camera housings, VCRs, monitors labor costs and any other associated costs that relate to the installation of additional cameras after the initial occupation of the jails and/or replacement of existing cameras and associated equipment in existing jails.

The responsibility of the vendors bidding on this RFP shall be limited to the Recording and Displaying of video images. The bidding vendor's recording devices shall connect directly to a matrix switch via BNC connectors and coaxial cabling. The matrix switch itself, cameras, power to these cameras and interconnectivity from the camera to the matrix switch shall be provided by another vendor. A tentative floor plan will be provided after the bids are received showing distances between these pieces of equipment in each of the special systems rooms. Therefore, interconnectivity and/or multiplex issues including fiber-optic, UTP or coaxial cabling (not including the matrix switch interface itself) shall be outside the scope of our request for bid and questions regarding these will be moot. Because of this determination, and with the secure nature of these buildings in mind, blue print diagrams of these sites shall only be made available to the winning bidder. Furthermore, it shall be necessary for the winning bidder to work in conjunction with the vendor supplying the matrix switch to ensure a cooperative interface.

The exception to this is noted on 2.2.1.1 (Initial Installation) of the RFP. This will require the winning bidder to install video recording equipment to a matrix switch located at the Central Services site, then after construction is complete, de-install it and re-install into a matrix switch located at the Lower Buckeye Adult Detention site. The recording equipment at the Lower Buckeye Jail shall have the ability to remotely record from the switch located at Central Services after the move. Interconnectivity between these switches will be provided by another vendor.

At some point, the Sheriff's Office may require the installation of additional cameras at various locations. The specifications for additional cameras were included for that possibility.

The Sheriff's Office requires two types of recording media. These shall be short term server based, hard-drive storage and long term, digital archiving tape storage.

The Sheriff's Office requires three ways to view these images. These shall be live video, streaming and/or file based via the server hard-drive array and viewing of long term or taped media. Therefore, consideration should be given to an interface onto the county's backbone LAN.

The Sheriff's Office will require one local control station located at each of the recording rooms. In addition, the Sheriff's Office will require several software packages which would enable existing computer work stations to remotely view file format video.

The threshold for the system is 30 frames per second. Every camera should have the capability of being recorded at 30 frames per second. That being said, some of these cameras have been identified as only requiring a 15 frame per second recording rate. At some point in the future some of these cameras might require being brought up to the 30 fps while others may require downgrading to 15 fps.

2.0 **SCOPE OF WORK:**

2.1 TAX:

No tax shall be levied against labor. Bid pricing to include all labor, overhead, tools and equipment used, profit, and any taxes that may be levied. It is the responsibility of the bidder to determine any and all taxes and include the same in bid price.

2.2 TECHNICAL REQUIREMENTS:

The vendor shall provide and install digital recording equipment, archiving equipment, equipment racks, monitors, multiplexors, UPS systems and other equipment as needed to provide a fully functional surveillance and recording system. Installation shall include all aspects necessary to make the cameras and recording equipment operational. This includes connecting the cameras from the matrix switch to the recording and archiving equipment, installing the software, connecting the recording equipment to the remote file server and testing the system for functionality.

Vendor will provide initial programming for the system to set up parameters that will provide a fully functional system. In addition, the vendor will be required to provide operational training for Sheriff's Office personnel, including 40 hours of on-site training for each jail facility. A trained and experienced manufacturer's staff person will be on-site during the installation of the system. Vendor may also provide the Sheriff's Office with the option of obtaining a maintenance contract providing two preventative maintenance inspections per year as well as providing all parts and labor associated with normal wear and tear on the system.

2.2.1 Central Services Facility: As part of the installation process, the contractor will provide equipment, software and labor to provide the following:

2.2.1.1 Initial Installation:

Install recording equipment and software that will allow digitally recording of 30 cameras at 15 frames per second through a loop out matrix switch. Install PC, VCR and monitor for copying selected recorded images. Initial installation of recording and associated equipment will be in a temporary location remote from the cameras in the Central Services facility (approximately 350-ft distant).

Install communications equipment (digital multiplexor(s) required to interface matrix switch connection of cameras to recording equipment at the remote location. Fiber lines will be in place between the Central Services facility and the remote location to connect the digital multiplexors. The vendor winning this award must provide coax from the digital multiplexor(s) to the recorders.

2.2.1.2 Subsequent Move and Reinstallation of Recording Equipment:

De-install the recording equipment and multiplexor(s) initially installed in the remote location serving the Central Service facility. Re-install this equipment in the lower Buckeye Jail when that installation is completed.

Fiber lines between the Central Services facility and the Lower Buckeye jail will be in place to connect the communications equipment (multiplexors). The multiplexors(s) installed at the LBJ must be connected to a loop out matrix switch in the jail. Vendor must supply connections from the digital multiplexors to the matrix switch and from the matrix switch to the recorders.

- 2.2.2 Lower Buckeye Jail: As part of the installation process, the contractor will provide equipment, software and labor to provide the following:

Install recording equipment to digitally record 240 cameras at 15 frames per second and 245 cameras at 30 frames per second. Install VCR and monitor for viewing and copying selected-recorded images. Communications connections between the cameras and the recording system will be through a matrix switch with loop-out capability. The vendor winning this award must provide coax from the matrix switch to the recorders.

- 2.2.3 Fourth Avenue Jail: As part of the installation process, the contractor will provide equipment, software and labor to provide the following:

Install recording equipment to digitally record 200 cameras at 15 frames per second and 391 cameras at 30 frames per second. Install VCR and monitor for copying selected recorded images. Communications connections between the cameras and the recording system will be through a matrix switch with loop-out capability. The vendor winning this award must provide coax from the matrix switch interface rack to the recorders.

The County will provide the following materials for use in installation and operation of the system: 1) A power source of 110VAC to power the recording equipment. 2) Fiber lines from multiplexor to multiplexor.

The vendor will provide the County the following: 1) Details on the "as built" of the system. 2) Be on site for the initial system startup to provide troubleshooting support and technical expertise. 3) Provide operations and maintenance manuals for all hardware provided under this contract.

## 2.3 TECHNICAL SPECIFICATIONS:

It will be the vendor responsibility to completely satisfy themselves as to the exact nature and existing conditions of the site area as well as the requirements of the specifications for the extent and quality of work to be performed. Failure to adequately assess these factors will not relieve the vendor of the obligation to perform the requirements of this specification.

All vendors must be primarily engaged in the business of furnishing and installing visual surveillance and recording systems and must have been actively engaged in this field for a period of not less than 5 consecutive and contiguous years

All personnel utilized by the vendor in the installation of the camera and recording system must have experience and training/certification in the installation of similar systems. Fulfillment of this requirement may be met by submission of a short resume outlining training/education and experience of any personnel designated by the contractor to perform under this contract to the FEMD representative.

The vendor must demonstrate they have the technical expertise, experience, facilities, capabilities and financial resources necessary to perform the work in a satisfactory manner. In addition, the vendor must be able to demonstrate a successful track record at meeting schedules. A schedule of events and a timeline of those events necessary to meet and complete the requirements of this RFP must be submitted with the bid. The schedule should reflect the order and length of the events that will take place once the vendor is awarded the contract. All vendor personnel who work in the jail must be able to pass a security clearance prior to being granted access into the jail.

In any location where exposed wiring code is applicable, the vendor will:

- 1) Route cable parallel and/or perpendicular to the building structure, 2) Support the cable from the building structure with an independent support method using tie wraps or other approved cable supports, 3) Assure that installed cable does not restrict the removal of ceiling tiles, light fixtures, or other ceiling components.

Cable(s) shall not lie on ceiling tiles/grids or be fastened to conduits, pipes, ducts or ceiling support wires.

Prior to the project being inspected and accepted by a duly authorized representative of Maricopa, all labor, materials, tools, etc. will remain at bidders risk.

2.3.1 Warranty Requirements

The contractor warrants that all equipment, labor, materials and services provided under this specification shall be of the highest quality complying with the specification and is free of defects for a period of one (1) year (or manufacturers standard warranty, whichever is greater) from the date of acceptance by the County. Replacements under this warranty will be at no expense to the County and will be accomplished to the satisfaction of the County. Details of the warranty will be submitted on Company letterhead at the time of the bid submittal. The vendor warrants that the system will be installed according to industry standards as follows: IEEE, NTSC, PAL, CCIR, FCC and CE.

Vendor may submit a separately priced, detailed preventive maintenance (PM) plan for a one (1) year increment. The plan will include two (2) on site PM visits as well as provide details for on-call service of the system. These on-call service requests require a four-hour response time.

2.3.2 Equipment Schedule

Vendor must supply complete equipment schedule with item(s) and price. Failure to submit will render bid non-responsive.

2.3.3 Contractor Responsibilities:

Contractors and his employees shall exercise due diligence and care to insure all work performed under the contract is accomplished in a safe and conscientious manner. All work shall be in compliance with appropriate OSHA standards, as well as all Federal, State, County and local municipalities' ordinances and regulations. All equipment provided by the Contractor shall be in good working condition and shall conform to required safety standards.

Contractor will provide all equipment and tools necessary to perform the requirements of the contract. Contractor will also supply all repair parts required to perform the requirements of the contract.

All work shall be done at a time (Monday through Friday, between 7:30 AM and 6:00 PM) and in a manner that offers minimum interference and disruption to the normal working activities of the Jail.

Contractor shall be held responsible and liable for all damage incurred to County facilities as a result of negligence of the Contractor and the Contractor's employees. In the event of a disagreement as to the Contractor's liability, FEMD shall make the final determination based on a review of the circumstances causing the damage.

Contractor shall be responsible for clean up of any materials and debris that results from the installation of this system.

Contractor shall procure all required licenses and permits necessary to perform under the contract.

Contractor must comply with the "Detention Facilities Security Guidelines"(Exhibit #3) set forth in the attached addendum once work at the job site is considered to be substantially completed.

2.4 CAMERA SPECIFICATIONS:

2.4.1 Cameras

2.4.1.1 Product Design:

The 1/3-inch, high performance, color CCD, standard-resolution DSP camera shall produce superior color images for color-intensive CCTV applications. The DSP high-performance color camera shall be the Ultrak KC5500CN or equivalent.

The camera shall have high sensitivity with an advanced feature list.

The camera shall have a standard-resolution 1/3-inch color CCD of 510Hx492V picture elements.

The camera's sensor area shall be 6.0 mm horizontal by 4.96 mm vertical with a unit cell size of 9.6um x 7.4um.

The camera shall have a minimum resolution of 330 TV lines.

The camera shall have a minimum illumination of 0.8 Lux at F1.2.

The camera shall have a S/N ratio of 46 dB with AGC off.

The camera shall have a selectable, auto or manual shutter control.

The camera shall have an eight position, selectable manual shutter control range from 1/60 second to 1/10,000 second.

The camera shall have an automatic shutter range from 1/60 second to 1/100,000 second.

The camera shall have on or off backlight compensation control by dip switch selection.

The camera shall have a dip switch selectable 0.45 or 1.0 gamma correction.

The camera shall have a dip switch selectable for on or off automatic gain control (AGC).

The camera shall have four selectable modes of white balance function including automatic adjustment, 3200 degree K, 4200 degree K and 6300 degree K.

The camera shall have an auto select line lock or internal synchronization system.

The camera shall have a 0 to 360-degree vertical phase adjustment range when operating in line lock mode controlled by buttons accessible outside the camera case.

The camera shall support both C- and CS-lenses with an integrated back-focus mechanism with thumb wheel adjustment and screw lock.

The camera shall support both video and DC auto-iris lenses with standard 4 pin connector.

The camera shall be capable of operating on 24VAC without any manual adjustments.

The camera shall have integrated non-conductive mounting provisions located on both the top and bottom of the camera.

The camera power connectors shall be designed for power connection without the use of any tools.

The camera shall have a green LED indicator signifying the camera has power.

The camera shall be offered in a two-tone gray color or black.

The camera shall have all dip-switch controls hidden by an access hatch.

#### 2.4.1.2 Compliance and Certification:

The camera's video signal shall conform to the NTSC composite format.

The camera shall be FCC Part 15 Class A approved.

All units must be UL listed.

**2.4.1.3 Physical Characteristics:**

The camera weight shall not exceed 12-oz. (290g).

The camera power consumption shall not exceed 3.6W with either a 12V dc or 24VAC-power supply.

The camera shall operate over an ambient temperature range of 14 degrees F to 122 degrees F (-10 deg C to 50 deg C).

The camera shall operate with an ambient non-condensing humidity up to 96%.

**2.4.1.4 Lens:**

The 1/3" image, 3.5-8mm focal length, F1.4-to-F64 vari-focal lens with dc auto-iris operation, CS mount and 4-pin connector attached, 35 x 46 x 46.5mm size, 80g weight with 0.3m minimum object distance shall be that of the Ultrak KL35V8DS or equivalent, or better.

**2.4.1.5 1/3 Inch, Super Dynamic Color Cameras**

With 480 line/color DSP and a 3.5-8mm lens. The Super Dynamic high-performance color camera shall be the Panasonic Wv-CP 454 or equivalent.

The camera shall incorporate a 1/3" interline transfer Super Dynamic CCD, 378,000 [768(H) x 492(V)] pixels effective, with a microlens on each pixel, and achieve high sensitivity 0.2 fc at f/1.2, displaying outstanding 480-line horizontal resolution and a S/N ratio of 50dB.

The camera's CCD shall be charged with long and short charges, creating both standard shutter speeds and fast shutter speeds simultaneously, on a single image field. The CCD shall automatically apply each exposure pattern to bright and normal areas.

The camera shall feature a 28MHz 10-bit digital signal processor for image processing of both long and short signals. The CCD shall feature images with a wide dynamic range of up to 32 times.

The camera shall also feature intelligent digital back light compensation. For better picture quality, the camera shall feature digital 2H enhancer, digital aperture correction, knee circuit and digital white detective ATW. The camera shall be CS-mount/C-mount selectable.

The camera shall offer ALC/ELC, electronic shutter speed, Auto Gain Control (AGC) plus many other features.

The power source for the camera shall be 24VAC, 60Hz.

**2.4.1.6 Wall Camera Mounts:**

The metal wall camera enclosure mounts shall be tamperproof and aesthetically pleasing and functional in design. These mounts shall be used for securely mounting camera enclosures to walls.

The enclosure mount shall be constructed of extruded die cast aluminum and finished with epoxy powder coating for corrosion resistance.

The pan adjustment on the enclosure mount shall be 360 degrees and tilt adjustment shall be 70 degrees.

The positioned location shall be locked by using an integrated friction-controlled ball joint.

A cable feed-through channel shall be available in this enclosure mount series.

The enclosure mount shall be capable of supporting a maximum load of **55 lbs.** (25kg).

**2.4.1.7 Pan Tilt Zoom Cameras:**

Ruggedized: The unit shall be the Ultrak Rugged UltraDome KD6 or approved equal.

Image pickup device: 1/4-inch.

Horizontal Resolution: 470 TVL (NTSC), 460 TVL (PAL).

Sensitivity: 1.7 Lux (f/1.4).

Zoom Lens: f=4.1 to 73.8mm. 18x optical. 12x digital.

Variable Pan Speed: 0° to 400° second.

Variable Tilt Speed: 0° to 200° second.

Signal-to-Noise Ratio: >50dB.

Operating Temperature: -40° to 122° F (-40° to 50° C).

Input Voltage: 24VAC.

Heater and blower (optional).

Built-in power isolation and lightning surge protection.

**2.4.1.8 Camera Housing Requirements:**

**Indoor housings**

Dust proof

Direct wiring

For 1/3" series cameras

Top/Bottom mounting handle

Detachable front cover for lens adjustments secured with tamperproof fasteners

**Outdoor Weatherproof housing**

For 1/3" series cameras

Top/Bottom mounting handle

Detachable front cover for lens adjustments secured with tamperproof fasteners

Built in sun shield

Thermostatically controlled fan

**2.4.1.9 Recording System Requirements:**

Provide continuous 24 hour per day recording and archiving.

Provide event-recording mode that begins in response to a triggering event.

Provide time schedule recording mode.



The recording system shall capture, digitize, compress and store video on a digital hard drive and archive onto a digital tape. Each recorder shall allow simultaneous recording of up to 64 high motion video cameras, each recording at 15 fps or 30 fps NTSC for each camera. The recording system shall communicate with the user review workstations over the County's communications network (TCP/IP) and (IPX)

The system should allow each camera to be independently configured to record video. The system shall allow NTSC format video per camera.

**Each camera shall record at a minimum resolution of 354 x 288 lines compressed according to the H263 ITU standard.**

Each camera shall have an individual setup for brightness, contrast, color and hue.

All camera setups shall be independently selected and modified through the viewer software application.

The system shall be used for playback and monitoring of video independently. Each output shall have the capability of playback at the same frame rate as recorded. Each output shall have brightness and color adjusted through the brightness slider bar control and the color slide bar control. The system must provide the ability to set the OSD, Date, Time, camera name and number for each output channel independently.

The system shall record camera signals from both fixed color and fixed black and white cameras, both PTZ color and B&W cameras, infrared cameras, x-ray cameras and low light cameras. Each system shall have the capacity to record simultaneously from 8 to 64 cameras.

The system shall provide monitoring of live video at up to 30 frames per second and playback of recorded video in the frame rate that it was recorded. The video output shall transmit the clips via a composite video output on the system and via the WAN in Windows compatible media format. The operator shall have the capability of choosing which output to utilize for playback.

The systems main storage medium shall be a digital hard drive. All video and audio information must be stored on the internal hard drive for immediate playback. The system must have a minimum hard drive recording capacity of 10 hours per camera. The hard drive should work FIFO (first in first out) to allow new video and audio to write over old clips. The system should have the option to prevent overwriting of specific video clips. The system shall have the option to split hard drives in each unit for redundancy, write to each group of hard drives in parallel, to take over in case of hard failure

The system shall be independently configured to record analog voice inputs. It must allow analog format recording at a compression method of ADPCM16 or ADPCM32. Each audio must have its own activity threshold optimized recording. Each system must have the capability to simultaneously record 24 audio channels in addition to 32 video channels. All audio setups shall be selected and modified through the viewer software application.

The system audio output shall be used for monitoring live audio and playback of recorded audio. The audio output shall transmit the voice recorded via an analog twisted pair output on the system to a standard speaker set. Additional output can be utilized via the LAN to a standard sound blaster card on the workstation PC. The operator shall have the capability to choose either output to utilize for playback.

The systems' archiving storage medium shall be on-board digital tape. All video and audio information stored on the internal hard drive shall be transferred to the digital tape.

Transfer should not take more than 10 minutes. Tape changes shall not be required more than once every 10 days.

The system shall also record and store the date, camera sources, audio sources and alarms. This information shall be available through a query of the database for a specific segment. This segment shall allow for playback from the hard drive, an internal archived tape or from a re-inserted previously recorded archived tape. The digital tape format must be a standard off-the-shelf DAT (Digital Archiving Tape) or AIT (Advanced Intelligence Tape).

The system must have a centralized system administration tool connected to the WAN which allows access to all systems resources and allows specific system operations, to include but not limited to:

Security procedures for controlling access and use of the system.

Establishment of user profiles defining functions, features and operations each user can perform.

Maintain a log of all users of the system.

The application shall support PTZ camera control.

The system shall have sophisticated tools for query, playback, real-time monitoring and picture enhancement tools.

Provide tools for quickly locating video or audio according to time, date and selected camera or audio input.

Provide tools for querying by date and time, video camera, audio channel, comment, time interval between two dates, etc.

Allow playback, real-time monitoring and picture enhancement.

Provide for ability to zoom in real-time and magnify a section of monitoring window.

Allow for monitoring, playback and retrieval of video while system is recording.

During playback of video, allow pause and resume, fast forward, skip backward, find, jump to next motion, playback frame by frame, zoom and loop replay. These same operations should also apply to audio recordings.

Provide synchronized playback for a least four video clips on one workstation screen in quad format

Provide instant replay of a specific camera, allowing still image capture, still image prints and still image saves.

The system shall provide video enhancement capabilities to include: sharpening, smoothing, brightness, contrast, edge detection, grayscale, print and contrast equalization.

The system shall allow independent camera setup for frame rate, compression rate, brightness, contrast and other factors.

The system shall allow synchronized playback of up to four (4) video clips on one workstation screen in a quad mode.

The system shall be able to export video clip (in a Windows compatible format) that has been played back via the LAN to the workstation internal hard drive. This function shall allow the video to be saved on a user PC for later review. This save function shall be performed on the hard drive. The system shall allow backup to any other digital media installed on the workstation PC such as a recordable CD ROM, JAZ drive, Zip drive or DAT Drive.

The system shall allow an authorized user to export video clip that has been played back via one of the system composite video outputs. This export function shall allow video to be exported to analog devices, such as VCR, video printer or analog monitors. Any system output should be allocated for this function.

The system shall be able to export an audio segment that has been played back via the LAN to the workstation internal hard drive. This function shall allow audio to be saved on a user PC for later review. The save function can be performed on the hard drive and backed up to any other digital media installed on the workstation PC, such as a recordable CD ROM, JAZ Drive, Zip Drive or DAT Drive. The audio files shall be saved as a standard WAV file or as a DAT file. An authorized user shall be able to export an audio segment that has been played back via one of the system analog audio outputs. This export function shall allow audio to be exported to analog devices, such as a speaker, VCR or an analog tape recorder.

In addition to controlling the recording and playback of video and audio, the system application shall also enable authorized users to setup continuous archiving procedures for all or select video and audio channels. When video or audio is archived to DAT/AIT cassette media, a user shall be able to retrieve video or audio from the DAT cassette using the application.

The system shall provide an authorized user to open system function to view the current status of the DAT decks. It will notify the user of the current operation performed by each DAT deck and the space available on the DAT cassette that is loaded in each DAT deck.

**The system shall allow long term archiving in at least three ways:**

**Scheduled Archiving**, the DAT tape shall typically eject at the requested time. In the event that a DAT tape does become full and ejects before its scheduled time, the system supervisor shall be notified immediately to replace the DAT cassette via paging, cell phone or e-mail. In addition, the system's hard drive shall always act as a safety buffer for delays in replacement of the DAT cassette.

**Continuous Archiving**, the DAT tape shall typically eject when the tape is full, in the event that a DAT does become full and ejects and no new tape is being inserted to the DAT drive, the system supervisor shall be immediately notified to replace the DAT cassette. In addition, the system's hard drive shall always act as a safety buffer for delays in replacement of the DAT cassette.

**Cyclic Archiving**, the DAT tapes will be overwritten automatically when the tape is full. When this occurs, the system will automatically start overwriting the oldest tape and provide fully automated unattended archiving.

The system's archiving system shall offer maximum flexibility in customizing an automatic archiving schedule. An authorized user shall be able to setup archiving to start whenever a DAT cassette is loaded in the DAT deck, or on a scheduled basis. In addition, the user shall specify that DAT cassettes will eject automatically when they are full, or on a scheduled basis.

The archiving function shall also be used to set a lifetime for each DAT tape. If a tape will be used for archiving before this time period, the system will prompt the system administrator that the tape is too recent and will skip automatically to the next tape.

The system shall have a tape library management function.

Regardless of which camera is connected to the system, an authorized user shall be able to find archived video and audio that has been recorded by the system. To locate video or audio, the library application shall be integrated with the workstation application to automatically notify the user of the identification label of the DAT cassette that contains the desired video or audio.

If the desired video or audio is located on the hard drive of the system, it shall be played automatically to the output device selected by the user. If it has been archived and is found on a DAT cassette currently loaded in the system, it shall automatically prompt the user with a question asking if he wants to retrieve this event and it then can be played. If the desired video or audio has been archived to a DAT cassette that is not located in the system, the user shall be prompted to retrieve the specific DAT cassette specified in the message to the user.

A software component of the system shall consist of a DAT Library database that automatically logs all the video and audio that is archived on each DAT cassette used in the system. A unique ID shall be automatically assigned to each DAT cassette and shall be printed on the cassette's label by a label printer. In the event that a label is accidentally removed from a cassette, the system shall allow a user to easily identify the cassette number and print a new label by inserting the DAT cassette into a DAT Deck of the system.

**2.5 Multiplexers, Multiprotocol Data Systems & Associated Equipment:**

**One, two, four, eight, sixteen and thirty-two channel digital multiplexing equipment with the following features capable of simultaneous transmission of video signals:**

**Utilizes multi-mode fiber**

**Digital multiplexing technology**

**Color or monochrome**

**Uses Coarse Wavelength Division Multiplexer (CWDM) technology**

**Optical Automatic Gain Control**

**Supports NTSC, PAL and SECAM video**

**Provides on-screen diagnostics**

**2.5.1 Multiprotocol Data System, features to include:**

**Multiprotocol data:RS-232, RS-422, RS-485 Manchester, Biphasic, TTL, SensorNet**

**User Configurable data format**

**Unique data translation function**

**Diagnostics**

**Hot swappable**

**Associated card racks, power supplies, etc necessary of making the digital multiplexers operable.**

**3.0 SPECIAL TERMS & CONDITIONS:**

**3.1 CONTRACT LENGTH:**

This Request for Proposals is for awarding a firm fixed price contract to cover a three (3) year period.

**3.2 OPTION TO EXTEND:**

The County may, at their option and with the approval of the Contractor, extend the period of this agreement up to a maximum of two (2), one (1) year options. The Contractor shall be notified in writing by the Materials Management Department of the County's intention to extend the contract period at least thirty (30) calendar days prior to the expiration of the original contract period.

### 3.3 INDEMNIFICATION AND INSURANCE

#### 3.3.1 INDEMNIFICATION

To the fullest extent permitted by law, the **CONTRACTOR** shall defend, indemnify, and hold harmless the **COUNTY**, its agents, representatives, officers, directors, officials, and employees from and against all claims, damages, losses and expenses, including but not limited to attorney fees, court costs, expert witness fees, and the cost of appellate proceedings, relating to, arising out of, or alleged to have resulted from the acts, errors, omissions or mistakes relating to the performance of this Contract. **CONTRACTOR'S** duty to defend, indemnify and hold harmless the **COUNTY**, its agents, representatives, officers, directors, officials, and employees shall arise in connection with any claim, damage, loss or expense that is attributable to bodily injury, sickness, disease, death, or injury to, impairment, or destruction of property, including loss of use resulting therefrom, caused by any acts, errors, omissions or mistakes in the performance of this Contract including any person for whose acts, errors, omissions or mistakes, the **CONTRACTOR** may be legally liable.

The amount and type of insurance coverage requirements set forth herein will in no way be construed as limiting the scope of the indemnity in this paragraph.

#### **Abrogation of Arizona Revised Statutes Section 34-226:**

In the event that A.R.S. § 34-226 shall be repealed or held unconstitutional or otherwise invalid by a court of competent jurisdiction, then to the fullest extent permitted by law, the **CONTRACTOR** shall defend, indemnify and hold harmless the **COUNTY**, its agents, representatives, officers, directors, officials and employees from and against all claims, damages, losses and expenses (including but not limited to attorney fees, court costs, and the cost of appellate proceedings), relating to, arising out of, or resulting from **CONTRACTOR'S** work or services. **CONTRACTOR'S** duty to defend, indemnify and hold harmless, the **COUNTY**, its agents, representatives, officers, directors, officials and employees shall arise in connection with any claim, damage, loss or expense that is attributable to bodily injury, sickness, disease, death, injury to, impairment or destruction of property including loss of use resulting therefrom, caused in whole or in part by any act or omission of the **CONTRACTOR**, anyone **CONTRACTOR** directly or indirectly employs or anyone for whose acts **CONTRACTOR** may be liable, regardless of whether it is caused in part by a party indemnified hereunder, including the **COUNTY**.

The amount and type of insurance coverage requirements set forth below will in no way be construed as limiting the scope of the indemnity in this paragraph.

The scope of this indemnification does not extend to the sole negligence of the **COUNTY**.

### 3.4 INSURANCE REQUIREMENTS

**CONTRACTOR**, at **CONTRACTOR'S** own expense, shall purchase and maintain the herein stipulated minimum insurance with companies duly licensed, possessing a current A.M. Best, Inc. Rating of B++6, or approved unlicensed companies in the State of Arizona with policies and forms satisfactory to the **COUNTY**.

All insurance required herein shall be maintained in full force and effect until all work or service required to be performed under the terms of the Contract is satisfactorily completed and formally accepted. Failure to do so may, at the sole discretion of the **COUNTY**, constitute a material breach of this Contract.

The **CONTRACTOR'S** insurance shall be primary insurance as respects the **COUNTY**, and any insurance or self-insurance maintained by the **COUNTY** shall not contribute to it.

Any failure to comply with the claim reporting provisions of the insurance policies or any breach of an insurance policy warranty shall not affect coverage afforded under the insurance policies to protect the **COUNTY**.

The insurance policies may provide coverage, which contains deductibles or self-insured retentions. Such deductible and/or self-insured retentions shall not be applicable with respect to the coverage provided to the **COUNTY** under such policies. The **CONTRACTOR** shall be solely responsible for the deductible and/or self-insured retention and the **COUNTY**, at its option, may require the **CONTRACTOR** to secure payment of such deductibles or self-insured retentions by a surety bond or an irrevocable and unconditional letter of credit.

The **COUNTY** reserves the right to request and to receive, within 10 working days, certified copies of any or all of the herein required insurance policies and/or endorsements. The **COUNTY** shall not be obligated, however, to review such policies and/or endorsements or to advise **CONTRACTOR** of any deficiencies in such policies and endorsements, and such receipt shall not relieve **CONTRACTOR** from, or be deemed a waiver of the **COUNTY'S** right to insist on strict fulfillment of **CONTRACTOR'S** obligations under this Contract.

The insurance policies required by this Contract, except Workers' Compensation, shall name the **COUNTY**, its agents, representatives, officers, directors, officials and employees as Additional Insureds.

The policies required hereunder, except Workers' Compensation, shall contain a waiver of transfer of rights of recovery (subrogation) against the **COUNTY**, its agents, representatives, officers, directors, officials and employees for any claims arising out of **CONTRACTOR'S** work or service.

- 3.4.1 Commercial General Liability. **CONTRACTOR** shall maintain Commercial General Liability insurance with a limit of not less than \$1,000,000 for each occurrence with a \$2,000,000 Products/Completed Operations Aggregate and a \$2,000,000 General Aggregate Limit. The policy shall include coverage for bodily injury, broad form property damage, personal injury, products and completed operations and blanket contractual coverage including, but not limited to, the liability assumed under the indemnification provisions of this Contract which coverage will be at least as broad as Insurance Service Office, Inc. Policy Form CG 00 01 10 93 or any replacements thereof.

The policy shall contain a severability of interest provision, and shall not contain a sunset provision or commutation clause, or any provision, which would serve to limit third party action over claims.

The Commercial General Liability additional insured endorsement shall be at least as broad as the Insurance Service Office, Inc.'s Additional Insured, Form CG 20 10 11 85, and shall include coverage for **CONTRACTOR'S** operations and products and completed operations.

If the **CONTRACTOR** subcontracts any part of the work, services or operations awarded to the **CONTRACTOR**, he shall purchase and maintain, at all times during prosecution of the work, services or operations under this Contract, an Owner's and Contractor's Protective Liability insurance policy for bodily injury and property damage, including death, which may arise in the prosecution of the **CONTRACTOR'S** work, service or operations under this Contract. Coverage shall be on an occurrence basis with a limit not less than \$1,000,000 per occurrence, and the policy shall be issued by the same insurance company that issues the **CONTRACTOR'S** Commercial General Liability insurance.

- 3.4.2 Automobile Liability. **CONTRACTOR** shall maintain Automobile Liability insurance with an individual single limit for bodily injury and property damage of no less than \$1,000,000, each occurrence, with respect to **CONTRACTOR'S** vehicles (whether owned, hired, non-owned), assigned to or used in the performance of this Contract.
- 3.4.3 Workers' Compensation. The **CONTRACTOR** shall carry Workers' Compensation insurance to cover obligations imposed by federal and state statutes having jurisdiction of **CONTRACTOR'S** employees engaged in the performance of the work or services, as well as Employer's Liability insurance of not less than \$1,000,000 for each accident, \$1,000,000 disease for each employee, and \$1,000,000 disease policy limit.

In case any work is subcontracted, the **CONTRACTOR** will require the Subcontractor to provide Workers' Compensation and Employer's Liability insurance to at least the same extent as required of the **CONTRACTOR**.

**3.5 CERTIFICATES OF INSURANCE**

Prior to commencing work or services under this Contract, **CONTRACTOR** shall furnish the **COUNTY** with Certificates of Insurance, or formal endorsements as required by the Contract, issued by **CONTRACTOR'S** insurer(s), as evidence that policies providing the required coverages, conditions and limits required by this Contract are in full force and effect. Such certificates shall identify this contract number and title.

In the event any insurance policy(ies) required by this contract is(are) written on a "claims made" basis, coverage shall extend for two years past completion and acceptance of the **CONTRACTOR'S** work or services and as evidenced by annual Certificates of Insurance.

If a policy does expire during the life of the Contract, a renewal certificate must be sent to the **COUNTY** fifteen (15) days prior to the expiration date.

**3.6 CANCELLATION AND EXPIRATION NOTICE:**

Insurance required herein shall not expire, be canceled, or materially changed without thirty (30) days prior written notice to the **COUNTY**.

**3.7 PERFORMANCE BOND:**

The successful Contractor will be required to furnish a performance bond in the amount of \$500,000 within 10 days from receipt of notification of award. Date of U.S. postmark will be accepted as date of delivery of performance bond. Contractors are requested to tender this bond on a Document approved by the Arizona Department of Insurance. One Contractor failing to supply a performance bond as required will forfeit his right to the contract. An irrevocable letter of credit or certificate of deposit, will be accepted in lieu of bond. **Performance bonds are to be identified with PROPOSAL serial number, title and return address.**

**3.8 TESTING:**

Unless otherwise specified, materials and equipment purchased will be inspected by the receiving activity as to meeting the quality and quantity requirements of the solicitation. When deemed necessary, samples of supplies or materials will be taken at random from stock received for submission to a commercial laboratory or other appropriate agency, for analysis and test as to whether the material conforms in all respects to the specifications. In cases where commercial laboratory reports indicate that the materials do not meet the specifications, the expense of such analysis is to be borne by the Proposer holding the contract.

**3.9 TERMS AND PAYMENT:**

Payment under contract will be made in the manner provided by law. Invoices shall be prepared and submitted in accordance with the instructions provided on the Purchase Order. Invoices shall contain the following information: Purchase Order number, item numbers, description of supplies and or/services, sizes, quantities, unit prices and extended totals and applicable sales/use tax. The County is not subject to excise tax.

**3.10 USAGE REPORT:**

The Contractor shall furnish the County a [quarterly] usage report delineating the acquisition activity governed by the Contract. The format of the report shall be approved by the County and shall disclose the quantity and dollar value of each contract item by individual unit.

**3.11 ACCEPTANCE:**

Upon successful completion of the performance period, the system shall be deemed accepted and the warranty period begins. All documentation shall be completed prior to final acceptance.



**3.12 TECHNICAL AND DESCRIPTIVE LITERATURE:**

Proposer(s) must include complete manufacturer's technical and descriptive literature regarding the material they propose to provide. Literature shall be sufficient in detail in order to allow full and fair evaluation of the offer submitted. Failure to include this information may result in the PROPOSAL being rejected.

**3.13 PROCUREMENT CARD ORDERING CAPABILITY:**

It is the intent of Maricopa County to utilize the Bank of America MC Procurement Card or other procurement card that may be used by the County from time to time, to place and make payment for orders under this Contract. Proposers without this capability may be considered non-responsive and not eligible for award consideration.

**Purchase Card Clarification.**

Maricopa County's Bank of America Purchase Card program is based on the MasterCard charge card. There is no charge from Maricopa County for the program, any costs or charges to the vendor or contractor will be based on the transaction dollar amount and is from the Vendors/contractors servicing Bank. The vendor/contractor should contact their bank to arrange for the acceptance and information concerning any charges to use this program.

The advantages of accepting the purchase card for payment are as follows.

1. The bank pays the vendor/contractor in 48 to 72 hours versus 30 days from Maricopa County.
2. The vendor/contractor does not have to invoice Maricopa County.
3. The vendor/contractor does not have to carry that transaction in their account receivable.

Maricopa County offers this opportunity only to vendors/contractors that are not 1099 reportable to the Internal Revenue Service. Maricopa County will be asking those vendors/contractors that are offered this opportunity to give the County a prompt payment discount.

**3.14 PROMPT PAYMENT DISCOUNT:**

Maricopa County, through its "Purchase Card Process" has initiated changes that are intended to both improve and expedite the purchasing and payment process. In light of these efforts, Proposers are strongly encouraged to offer Maricopa County prompt payment discounts for this service and take into consideration receipt of payment with seventy-two (72) hours from time of payment processing. Discounts offered will be considered in the evaluation price analysis process.

**4.0 CONTRACT TERMS & CONDITIONS:**

**4.1 LANGUAGE FOR REQUIREMENTS CONTRACTS:**

Contractors signify their understanding and agreement by signing this document, that the Contract resulting from this proposal will be a requirements contract. However, this Contract does not guarantee that any purchases will be made. It only indicates that if purchases are made for the services contained in this Contract, that they will be purchased from the Contractor awarded that item. Orders will only be placed when a need is identified by a Using Agency or Department and proper authorization and documentation have been approved.

**4.2 ESCALATION:**

Any requests for price adjustments must be submitted thirty (30) days prior to the Contract renewal date. Justification for the requested adjustment in cost of labor and/or materials must be accompanied by appropriate documentation. Escalation shall not exceed the increase in the U.S. Department of Labor (Bureau of Labor Statistics) Consumer Price Index for Urban Consumers. Increases shall be approved in writing by the Materials Management Department prior to any adjusted invoicing submitted for payment.

**4.3 UNCONDITIONAL TERMINATION FOR CONVENIENCE:**

Maricopa County may terminate the resultant Contract for convenience by providing sixty (60) calendar days advance notice to the Contractor.

**4.4 DEFAULT:**

The County may suspend, terminate, or modify this contract immediately upon written notice to the Contractor in the event of a nonperformance of stated objectives or other material breach of contractual obligations; or upon the happening of any event, which would jeopardize the ability of the Contractor to perform any of its contractual obligations. Maricopa County reserves the right to have service provided by other than the Contractor if the Contractor is unable or fails to provide requested service within the specified time frame.

**4.5 TERMINATION BY THE COUNTY:**

If the Contractor should be adjudged bankrupt or should make a general assignment for the benefit of its creditors, or if a receiver should be appointed on account of its insolvency, the County may terminate this Agreement. If the Contractor should persistently or repeatedly refuse or should fail, except in cases for which extension of time is provided, to provide enough properly skilled workers or proper materials, or persistently disregard laws and ordinances, or not proceed with work or otherwise be guilty of, a substantial violation of any provision of this Agreement, then the County may terminate this Agreement. Prior to termination of this Agreement, the County shall give the Contractor fifteen (15) calendar days written notice. Upon receipt of such termination notice, the Contractor shall be allowed fifteen (15) calendar days to cure such deficiencies.

**4.6 APPROPRIATION CONTINGENCY:**

The Contractor recognized that any agreement entered into shall commence upon the day first provided and continued in full force and effect until termination in accordance with its provisions. The Contractor and the County herein recognized that the continuation of any contract after the close of any given fiscal year of the County, which fiscal years end on June 30 of each year, shall be subject to the approval of the budget of the County providing for or covering such contract item as an expenditure therein. The County does not represent that said budget item will be actually adopted, said determination being the determination of the County Board of Supervisors at the time of the adoption of the budget.

**4.7 ORGANIZATION - EMPLOYMENT DISCLAIMER:**

The Contract is not intended to constitute, create, give rise to or otherwise recognize a joint venture agreement or relationship, partnership or formal business organization of any kind, and the rights and obligations of the parties shall be only those expressly set forth in the Contract.

The parties agree that no persons supplied by the Contractor(s) in the performance of obligations under the agreement are considered to be County employees, and that no rights of County civil service, retirement or personnel rules accrue to such persons. The Contractor(s) shall have total responsibility for all salaries, wages, bonuses, retirement withholdings, workmen's compensation, other employee benefits and all taxes and premiums appurtenant thereto concerning such persons, and shall save and hold the County harmless with respect thereto.

**4.8 STATUTORY RIGHT OF CANCELLATION FOR CONFLICT OF INTEREST:**

Notice is given that pursuant to A.R.S. § 38-511 the County may cancel this Contract without penalty or further obligation within three years after execution of the contract, if any person significantly involved in initiating, negotiating, securing, drafting or creating the contract on behalf of the County is at any time while the Contract or any extension of the Contract is in effect, an employee or agent of any other party to the Contract in any capacity or consultant to any other party of the Contract with respect to the subject matter of the Contract. Additionally, pursuant to A.R.S. § 38-511 the County may recoup any fee or commission paid or due to any person significantly involved in initiating, negotiating, securing, drafting or creating the contract on behalf of the County from any other party to the contract arising as the result of the contract.

**4.9 OFFSET FOR DAMAGES:**

In addition to all other remedies at Law or Equity, the County may offset from any money due to the Contractor any amounts Contractor owes to the County for damages resulting from breach or deficiencies in performance under this Contract.

**4.10 ADDITIONS/DELETIONS OF SERVICE:**

The County reserves the right to add and/or delete services to this Contract. Should a service requirement be deleted, payment to the Contractor will be reduced proportionally, to the amount of service reduced in accordance with the PROPOSAL price. Should additional services be required from this Contract, prices for such additions will be negotiated between the Contractor and the County.

**4.11 ASSIGNMENT OR SUBCONTRACTING:**

Neither this Agreement, nor any portion thereof, may be assigned by Contractor without the written consent of the County first having been obtained. Any attempt by the Contractor to assign or subcontract any performance of this Contract without the written consent of the County shall be null and void and shall constitute a breach of this Contract.

The Subcontractor's rate for the job shall not exceed that of the Prime Contractor's rate, as proposed in the pricing section, unless the Prime Contractor is willing to absorb any higher rates. The Subcontractor's invoice shall be invoiced directly to the Prime Contractor, who in turn shall pass-through the costs to the County, without mark-up. A copy of the Subcontractor's invoice must accompany the Prime Contractor's invoice.

**4.12 AMENDMENTS:**

All amendments to this Contract must be in writing and signed by both parties.

**4.13 CONFORMATION WITH THE LAW:**

This service shall be accomplished in conformity with the laws, ordinances, rules, regulations and zoning restrictions of the United States of America, the State of Arizona, County of Maricopa, and the City of Phoenix.

**4.14 CONTRACT COMPLIANCE MONITORING:**

The Materials Management Department and Using agency(s) shall monitor the Contractors compliance with, and performance under, the terms and conditions of the Contract. The Contractor shall make available for inspection and/or copying by the County all records and accounts relating to the work performed or the services provided in this Contract.

**4.15 RETENTION OF RECORDS:**

The Contractor agrees to retain all financial books, records, and other documents relevant to this Contract for five (5) years after final payment or until after the resolution of any audit questions which could be more than five (5) years, whichever is longer. The Department, Federal or State auditors and any other persons duly authorized by the Department shall have full access to, and the right to examine, copy and make use of any and all said materials.

**4.16 ADEQUACY OF RECORDS:**

If the Contractor's books, records and other documents relevant to this Contract are not sufficient to support and document that allowable services were provided to eligible clients the Contractor shall reimburse Maricopa County for the services not so adequately supported and documented.

**4.17 AUDIT DISALLOWANCES:**

If at any time it is determined by the Department that a cost for which payment has been made is a disallowed cost, the Department shall notify the Contractor in writing of the disallowance and the required course of action, which shall be at the option of the Department either to adjust any future claim submitted by the Contractor by the amount of the disallowance or to require repayment of the disallowed amount by the Contractor forthwith issuing a check payable to Maricopa County.



**4.18 P.O. CANCELLATION LANGUAGE:**

The Department of Materials Management reserves the right to cancel Purchase Orders within a reasonable period of time after issuance. Should a Purchase Order be canceled, the County agrees to reimburse the Contractor but only for actual and documentable costs incurred by the Contractor due to and after issuance of the Purchase Order. The County will not reimburse the Contractor for any costs incurred after receipt of County notice of cancellation, or for lost profits, shipment of product prior to issuance of Purchase Order, etc. Contractors agree to accept verbal notification of cancellation from the Department of Materials Management with written notification to follow. By submitting a proposal in response to this solicitation, the Contractor specifically acknowledges to be bound by this cancellation policy.

**4.19 RIGHTS IN DATA:**

The County shall have the use of data and reports resulting from this Contract without additional cost or other restriction except as may be established by law or applicable regulation. Each party shall supply to the other party, upon request, any available information that is relevant to this Contract and to the performance hereunder.

**4.20 SECURITY AND PRIVACY:**

The Contractor agrees that none of its officers or employees shall use or reveal any research or statistical information furnished by any person and identifiable to any specific private person for any purpose other than the purpose for which it was obtained. Copies of such information shall not, without the consent of the person furnishing such information, be admitted as evidence or used for any purpose in any action, suit, or other judicial or administrative proceedings, unless ordered by a court of competent jurisdiction. The County shall be notified immediately upon receipt of any such order of court, pertaining to production of such information.

The Contractor shall incorporate the foregoing provisions of this paragraph in all of its authorized Subcontracts.

**4.21 SEVERABILITY:**

Any provision of this Contract which is determined to be invalid, void, or illegal shall in no way affect, impair, or invalidate any other provision hereof, and remaining provisions shall remain in full force and effect.

**4.22 VALIDITY:**

The invalidity, in whole or in part, of any provision of this Agreement shall not void or affect the validity of any other provision of this Contract.

**4.23 CONTRACTOR RESPONSIBILITY:**

The Contractor will be responsible for any damages whatsoever to County property as applicable when such property is the responsibility or in the custody of the Contractor, his Employees or Subcontractors.

Contractor agrees that all Subcontractors performing work under this Contract shall comply with its provisions and it is expressly understood that all persons employed by the Contractor, either directly or indirectly, shall be considered employees of the Contractor, and not employees of Maricopa County.

Contractor acknowledges and agrees that it is liable and responsible for any act or omission by the Contractor, its employees, agents, officers, representatives, and subcontractors occurring in the course of Contractor's performance of this Contract, whether such act or omission occurs on County property or elsewhere. Contractor shall be liable for any loss or damage arising out of or related to Contractor's performance of this contract, Contractor shall bear the above stated liability, even in absence of its own negligence, unless County actions caused the loss or damage (i.e., if regulation, but damage occurs, Contractor is responsible for such damages.) Contractor shall bear the above stated liability, consequential, incidental, direct, and indirect damages, and shall be liable for all costs, including attorney's fees, incurred by the County to enforce this provision.

**4.24 FAILURE TO PROVIDE SERVICES:**

Maricopa County reserves the right to have service provided by other than the Contractor if the Contractor is unable or fails to provide requested service within the specified time frame.

**4.25 DELIVERY:**

It shall be the Contractor's responsibility to meet the County's delivery requirements, as called for in the Technical Specifications. Maricopa County reserves the right to obtain material on the open market in the event the Contractor fails to make delivery and any price differential will be charged against the Contractor.

**4.26 PRICE REDUCTIONS:**

By submitting a proposal in response to this solicitation, Contractors agree to guarantee that Maricopa County is receiving the lowest price offered by your company to other customers for similar services at comparable volumes in a similar geographic area. If at any time during the contract period your company offers a lower price to another customer, **SIMILAR PRICES MUST BE EXTENDED TO MARICOPA COUNTY** If a notification IS not made of said price reductions, upon discovery Maricopa County shall reserve the right to take any or all of the following actions:

4.26.1 Cancel the Contract, if it is currently in effect.

4.26.2 Determine the amount, which the County was overcharged and submit a request for payment from the Contractor for that amount.

4.26.3 Take the necessary steps to collect any performance surety provided on the applicable contract.

**4.27 CHANGES:**

The County may require changes in the scope of the services to be performed by the Contractor hereunder. All such changes, which are mutually agreed upon by and between all the parties, shall be incorporated in written amendments to this Contract. All such amendments shall state any increase or decrease in the amount of the compensation due to the Contractor for the change in scope.

**4.28 EMPLOYEE RESPONSIBILITY:**

No responsibility will attach to a county employee for the premature opening of a proposal not properly addressed and identified in accordance with the proposal documents.

ASSI SECURITY OF ARIZONA, 21602 N 20<sup>TH</sup> AVENUE, 2501 W BEHREND DRIVE STE #1-3, PHOENIX, AZ 85027

PRICING SHEET C641005/B0604269

WILLING TO ACCEPT FUTURE SOLICITATIONS VIA EMAIL: ☒ YES ☐ NO

ACCEPT PROCUREMENT CARD: ☐ YES ☒ NO

REBATE (CASH OR CREDIT) FOR UTILIZING PROCUREMENT CARD: ☐ YES ☒ NO  % REBATE  
(Payment shall be made within 48 hrs utilizing the Purchasing Card)

INTERNET ORDERING CAPABILITY: ☐ YES ☒ NO  % DISCOUNT

OTHER GOV'T. AGENCIES MAY USE THIS CONTRACT: ☒ YES ☐ NO

**PRICING:**

NOTE: DO NOT INCLUDE SALES/USE TAX IN YOUR BID PRICE. The percentage of sales/use tax applicable to this contract will be listed on the purchase order and allowed at time of payment. BIDDERS CERTIFY BY SIGNING THIS AGREEMENT THAT PRICES BID ARE F.O.B. DESTINATION IN ACCORDANCE WITH THE TERMS AND CONDITIONS SET FORTH HEREIN.

**Table I: RECORDERS/STORAGE SYSTEM**

In the table below enter each item, item number, unit price, extended cost and total. Add additional rows as necessary.

ITEM DESCRIPTION	ITEM NUMBER	UNIT PRICE	EXT. PRICE
8 Channel Logger	NVP-HRT-BAS	\$16,961.54	\$118,730.77
16 Channel Logger	NVP-RT-BAS	\$16,961.54	\$220,500.00
Support for 8 Cameras	NVP-RT-ADD8-SW	\$5,538.46	\$371,076.92
Additional Video Capture Bd.	NVP-VICO-ADD1	\$7,961.54	\$716,538.46
Support for 16 Cameras	NVP-HRT-ADD16-SW	\$2,769.23	\$63,692.31
Additional 250 GB HDD	NVP-OLS-HDD250	\$945.00	\$18,900.00
20 Tape JukeBox	NVP-JB3-20	\$21,807.69	\$43,615.38
40 Tape JukeBox	NVP-JB3-40	\$30,876.92	\$555,784.62
Computer Based Training	NV-CBT	\$69.23	\$207.69
Administration User License	NVP-APP-USR	0	0
Application Server Software	NVP-AMS	\$3,115.38	\$9,346.15
UPS	Powerware 5125	\$1,707.69	\$42,692.25
Equipment Racks	Winsted	\$43,066.15	\$43,066.15
Playback Monitor	KM1400CN	\$350.77	\$701.54
VCR	KR6008	\$398.46	\$796.92
Workstation	Dell	\$3,076.92	\$6,153.84
Coaxial Cable	RG59U	\$141.54	\$707.70
<b>Data fiber optic, multimode, transmitter</b>	<b>S711DT-RST</b>	<b>\$730.00</b>	<b>\$730.00</b>
<b>Data fiber optic, multimode, receiver</b>	<b>S11DR-RST</b>	<b>\$730.00</b>	<b>\$730.00</b>
<b>8 channel fiber optic video transmitter, multimode</b>	<b>S708VT-RST</b>	<b>\$3,750.00</b>	<b>\$3,750.00</b>
<b>8 channel fiber optic video receiver, multimode</b>	<b>S708VR-RST</b>	<b>\$3,750.00</b>	<b>\$3,750.00</b>
<b>12 channel fiber optic video transmitter, multimode</b>	<b>S709V12T-RSTL</b>	<b>\$7,600.00</b>	<b>\$7,600.00</b>
<b>12 channel fiber optic video receiver, multimode</b>	<b>S709V12R-RSTL</b>	<b>\$7,600.00</b>	<b>\$7,600.00</b>
<b>15 slot rack unit, 19"</b>	<b>515R1</b>	<b>\$1,170.00</b>	<b>\$2,340.00</b>
		<b>TOTAL</b>	<b>\$2,212,510.70</b>
			<b>\$2,239,010.70</b>

**ASSI SECURITY OF ARIZONA, 21602 N 20<sup>TH</sup> AVENUE, 2501 W BEHREND DRIVE STE #1-3, PHOENIX, AZ 85027**

**Table II: LABOR RATES FOR TRAINING, INSTALLATION, PROJECT MANAGEMENT, ETC.**

Enter the labor categories applicable to this project, the staff to be assigned in each category and the corresponding labor rates (including overhead) These labor rates may also be used for additional services beyond the original scope of this project.

LABOR CATEGORY	STAFF PERSON	HOURLY RATE	TOTAL HOURS
Project Manager	Chris Hintermeister	\$75.00	\$24,375.00
Lead Technician	Anthony Salisbury	\$55.00	\$16,500
Lead Technician	Jeremy Browning	\$55.00	\$16,500.00
Training	Chris Hintermeister	\$75.00	\$9,000.00
Additional Labor for Amendment #1 (16 Hours)		\$55.00	\$880.00
		<b>TOTAL LABOR COST</b>	<b>\$66,375.00</b> <b>\$67,255.00</b>

**Table III: CAMERAS, HOUSINGS, MOUNTS, VCRs, MONITORS, ECT.**

In the table below enter each item, item number, unit price, extended cost and total. Add additional rows as necessary.

ITEM DESCRIPTION	ITEM NUMBER	UNIT PRICE	EXT. PRICE
High Performance Camera	KC5520CN	\$213.42	\$213.42
Varifocal Lens	KL35V8DS	\$109.29	\$109.29
Camera Wall Mount	UL+WB+BJ	\$21.42	\$21.42
PTZ Rugged Dome	KD6	\$2,326.15	\$2,326.15
Indoor Housing	KHTM1200	\$72.37	\$72.37
Outdoor Housing	KHTM12N3	\$175.75	\$175.75
Super Dynamic Camera	WV-CP-454	\$536.92	\$536.92
PTZ Support	NVP-PTZ-32C	\$3,333.33	\$3,333.33
24 Channel Audio Card	NVP-AR-24A	\$10,416.67	\$10,416.67
Network HUB		\$307.69	\$307.69
		<b>TOTAL</b>	<b>\$17,513.01</b>

**Table IV: Service Maintenance**

Enter the cost per year for maintenance of the system proposed.

Maintenance			Cost per yr.
Year 1	Warranty		0
Year 1	System Administrator, Tape Change		\$50,000.00
Year 2			\$234,000.00
Year 3			\$250,380.00
Year 4			\$267,906.60
Year 5			\$286,660.06
			TOTAL
			\$1,088,946.66



ASSI SECURITY OF ARIZONA, 21602 N 20<sup>TH</sup> AVENUE, 2501 W BEHREND DRIVE STE #1-3, PHOENIX, AZ 85027

**Table V: TOTALS.**

Enter the totals from each respective table

TOTALS	
Table I: RECORDERS/SYSTEM STORAGE	\$2,212,510.70 <b>\$2,239,010.70</b>
Table II: LABOR RATES FOR TRAINING, INSTALLATION, PROJECT MANAGEMENT, Ect	\$66,375.00 <b>\$67,255.00</b>
Table III: CAMERAS, HOUSING, MOUNTS, VCRs, MONITORS, Ect.	\$17,513.01
Table IV: SERVICE, MAINTENANCE.	\$1,088,946.66
<b>TOTAL PROJECT COST AS PROPOSED</b>	<b>\$3,412,725.37</b>

**Table VI: Blanket Discounts.**

Part Number	Description	List Price	Maricopa County Contract Price
		US\$	
DISCOUNT OFF OF LIST PRICE			25.98%

## **Chapter One**

### **NiceVision Pro Basic System**

#### **Basic Recorders**

**Notes:**

- 1 NiceVision Basic system does not include any video capture boards
- 2 Ordering a video capture board together with a recording software is mandatory

NVP-V8-BAS	NiceVision Pro basic system	5,000	3,701
NVP-V8-VICO-ADD	Video Capture board supporting up to 24 cameras	5,000	3,701

### **Recording Channels - CIF RT**

NVP-CIF-RT-8-SW	Video Recording software supporting 8 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (1 VICO)	12,200	9,030
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Part Number	Description	List Price US\$	Maricopa County Contract Price
NVP-CIF-RT-16-SW	Video Recording software supporting 16 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (1 VICO)	20,600	15,247
NVP-CIF-RT-24-SW	Video Recording software supporting 24 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (1 VICO)	33,400	24,721
NVP-CIF-RT-32-SW	Video Recording software supporting 32 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (2 VICO)	41,200	30,494
NVP-CIF-RT-40-SW	Video Recording software supporting 40 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (2 VICO)	54,000	39,969
NVP-CIF-RT-48-SW	Video Recording software supporting 48 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (2 VICO)	66,800	49,443
NVP-CIF-RT-56-SW	Video Recording software supporting 56 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (3 VICO)	74,600	55,216
NVP-CIF-RT-64-SW	Video Recording software supporting 64 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (3 VICO)	87,400	64,690
NVP-CIF-RT-72-SW	Video Recording software supporting 72 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (3 VICO)	100,200	74,164
NVP-CIF-RT-80-SW	Video Recording software supporting 80 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (4 VICO)	108,000	79,937
NVP-CIF-RT-88-SW	Video Recording software supporting 88 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (4 VICO)	120,800	89,411
NVP-CIF-RT-96-SW	Video Recording software supporting 96 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (4 VICO)	133,600	98,885

## **Recording Channels - CIF HRT**

NVP-CIF-HRT-8-SW	Video Recording software supporting 8 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (1 VICO)	9,800	7,254
NVP-CIF-HRT-16-SW	Video Recording software supporting 16 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (1 VICO)	13,400	9,918

Part Number	Description	List Price US\$	Maricopa County Contract Price
NVP-CIF-HRT-24-SW	Video Recording software supporting 24 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (1 VICO)	15,880	11,754
NVP-CIF-HRT-32-SW	Video Recording software supporting 32 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (2 VICO)	17,840	13,204
NVP-CIF-HRT-40-SW	Video Recording software supporting 40 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (2 VICO)	24,800	18,356
NVP-CIF-HRT-48-SW	Video Recording software supporting 48 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (2 VICO)	31,760	23,507
NVP-CIF-HRT-56-SW	Video Recording software supporting 56 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (3 VICO)	33,720	24,958
NVP-CIF-HRT-64-SW	Video Recording software supporting 64 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (3 VICO)	40,680	30,110
NVP-CIF-HRT-72-SW	Video Recording software supporting 72 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (3 VICO)	47,640	35,261
NVP-CIF-HRT-80-SW	Video Recording software supporting 80 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (4 VICO)	49,600	36,712
NVP-CIF-HRT-88-SW	Video Recording software supporting 88 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (4 VICO)	56,560	41,863
NVP-CIF-HRT-96-SW	Video Recording software supporting 96 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (4 VICO)	63,520	47,015

## **Recording Channels - CIFPlus RT**

NVP-CIFPlus-RT-8-SW	Video Recording software supporting 8 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (1 VICO)	13,000	9,622
NVP-CIFPlus-RT-16-SW	Video Recording software supporting 16 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (1 VICO)	26,200	19,392
NVP-CIFPlus-RT-24-SW	Video Recording software supporting 24 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (2 VICO)	36,800	27,238

Part Number	Description	List Price US\$	Maricopa County Contract Price
NVP-CIFPlus-RT-32-SW	Video Recording software supporting 32 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (2 VICO)	52,400	38,784
NVP-CIFPlus-RT-40-SW	Video Recording software supporting 40 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (3 VICO)	63,000	46,630
NVP-CIFPlus-RT-48-SW	Video Recording software supporting 48 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (3 VICO)	78,600	58,176
NVP-CIFPlus-RT-56-SW	Video Recording software supporting 56 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (4 VICO)	89,200	66,022
NVP-CIFPlus-RT-64-SW	Video Recording software supporting 64 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (4 VICO)	104,800	77,569
NVP-CIFPlus-RT-72-SW	Video Recording software supporting 72 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (5 VICO)	115,400	85,414
NVP-CIFPlus-RT-80-SW	Video Recording software supporting 80 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (5 VICO)	131,000	96,961
NVP-CIFPlus-RT-88-SW	Video Recording software supporting 88 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (6 VICO)	141,600	104,806
NVP-CIFPlus-RT-96-SW	Video Recording software supporting 96 cameras at up to 30/25fps at CIF resolution (with enhanced channel capabilities) (6 VICO)	157,200	116,353

## **Recording Channels – CIFPlus HRT**

NVP-CIFPlus-HRT-8-SW	Video Recording software supporting 8 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (1 VICO)	10,600	7,846
NVP-CIFPlus-HRT-16-SW	Video Recording software supporting 16 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (1 VICO)	14,200	10,510
NVP-CIFPlus-HRT-24-SW	Video Recording software supporting 24 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (1 VICO)	20,200	14,951
NVP-CIFPlus-HRT-32-SW	Video Recording software supporting 32 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (2 VICO)	23,600	17,468

Part Number	Description	List Price US\$	Maricopa County Contract Price
NVP-CIFPlus-HRT-40-SW	Video Recording software supporting 40 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (2 VICO)	32,000	23,685
NVP-CIFPlus-HRT-48-SW	Video Recording software supporting 48 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (2 VICO)	40,400	29,902
NVP-CIFPlus-HRT-56-SW	Video Recording software supporting 56 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (3 VICO)	43,800	32,419
NVP-CIFPlus-HRT-64-SW	Video Recording software supporting 64 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (3 VICO)	52,200	38,636
NVP-CIFPlus-HRT-72-SW	Video Recording software supporting 72 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (3 VICO)	60,600	44,854
NVP-CIFPlus-HRT-80-SW	Video Recording software supporting 80 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (4 VICO)	64,000	47,370
NVP-CIFPlus-HRT-88-SW	Video Recording software supporting 88 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (4 VICO)	72,400	53,587
NVP-CIFPlus-HRT-96-SW	Video Recording software supporting 96 cameras at up to 15/12.5fps at CIF resolution (with enhanced channel capabilities) (4 VICO)	80,800	59,805

## **Recording Channels – 4CIF RT & HRT**

NVP-4CIF-RT-4-SW	Video Recording software supporting 4 cameras at up to 30/25fps at 4CIF resolution (1 VICO)	8,000	5,921
NVP-4CIF-HRT-8-SW	Video Recording software supporting 8 cameras at up to 15/12.5fps at 4CIF resolution (1 VICO)	15,000	11,102

## **Recording Channels - 4CIF QRT**

NVP-4CIF-QRT-8-SW	Video Recording software supporting 8 cameras at up to 7.5/6.25fps at 4CIF resolution (1 VICO)	11,000	8,142
NVP-4CIF-QRT-16-SW	Video Recording software supporting 16 cameras at up to 7.5/6.25fps at 4CIF resolution (1 VICO)	20,600	15,247
NVP-4CIF-QRT-24-SW	Video Recording software supporting 24 cameras at up to 7.5/6.25fps at 4CIF resolution (2 VICO)	28,400	21,020

Part Number	Description	List Price US\$	Maricopa County Contract Price
NVP-4CIF-QRT-32-SW	Video Recording software supporting 32 cameras at up to 7.5/6.25fps at 4CIF resolution (2 VICO)	41,200	30,494
NVP-4CIF-QRT-40-SW	Video Recording software supporting 40 cameras at up to 7.5/6.25fps at 4CIF resolution (3 VICO)	49,000	36,268
NVP-4CIF-QRT-48-SW	Video Recording software supporting 48 cameras at up to 7.5/6.25fps at 4CIF resolution (3 VICO)	61,800	45,742
NVP-4CIF-QRT-56-SW	Video Recording software supporting 56 cameras at up to 7.5/6.25fps at 4CIF resolution (4 VICO)	69,600	51,515
NVP-4CIF-QRT-64-SW	Video Recording software supporting 64 cameras at up to 7.5/6.25fps at 4CIF resolution (4 VICO)	82,400	60,989
NVP-4CIF-QRT-72-SW	Video Recording software supporting 72 cameras at up to 7.5/6.25fps at 4CIF resolution (5 VICO)	90,200	66,762
NVP-4CIF-QRT-80-SW	Video Recording software supporting 80 cameras at up to 7.5/6.25fps at 4CIF resolution (5 VICO)	103,000	76,236
NVP-4CIF-QRT-88-SW	Video Recording software supporting 88 cameras at up to 7.5/6.25fps at 4CIF resolution (6 VICO)	110,800	82,009
NVP-4CIF-QRT-96-SW	Video Recording software supporting 96 cameras at up to 7.5/6.25fps at 4CIF resolution (6 VICO)	123,600	91,483

## NiceVision Content Analysis - Real-time Alert System

### Notes:

- 1 Each of the Content Analysis applications is assigned to one recording channel
- 2 The customer may order 1 to 24 content analysis applications (channels) per recorder
- 3 Each video capture card supports up to 4 content analysis applications

CA-VEHICLE-DTCT-SW	Vehicle Detection application supporting 1 camera in up to 30/25 fps at CIF resolution	2,500	1,850
CA-BAGGAGE-DTCT-SW	Baggage Detection supporting 1 camera in up to 30/25 fps at CIF resolution	2,500	1,850
CA-CROWD-DTCT-SW	Crowd Detection engine, supporting 1 camera in up to 30/25 fps at CIF resolution	2,500	1,850
CA-INTRUSION-DTCT-SW	Intrusion Detection supporting 1 camera in up to 30/25 fps at CIF resolution	2,500	1,850

Part Number	Description	List  Price  US\$	Maricopa County Contract Price
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## IP (Network) Recording

### Notes:

- 1 When adding IP channels to a Pro recorder, an additional network card will be supplied for supporting the segregation of the collection and monitoring networks
- 2 When adding IP channels to a Pro recorder, up to 2 VICO boards and Audio channels can be installed
- 3 When adding IP channels to a Pro recorder, you may add up to 4 IP channels at 30/25 FPS in CIF resolution (maximum of 32 IP channels) or 1 IP channel at 4CIF 8/7 fps
- 4 IP channels can only be added to a Version 8 recorder
- 5 IP channels can only be added to NVIP-V8-BAS or to NVP-V8-BAS with at least 1 VICO board

### Supported IP cameras and video servers:

- 1) Axis 2420 (camera)
- 2) Axis 2120 (camera)
- 3) Axis 2400 (video server)

NV-IP-8	Support for 8 cameras over IP	7,000	5,181
NV-IP-16	Support for 16 cameras over IP	9,600	7,106
NV-IP-32	Support for 32 cameras over IP	12,800	9,474
NV-IP-48	Support for 48 cameras over IP	16,800	12,435
NV-IP-64	Support for 64 cameras over IP	19,200	14,211
NV-IP-4CIF-8	Support for 8 cameras over IP, up to 7 / 6fps at 4CIF resolution	10,000	7,402

## Audio Recording

### Notes:

- 1 Analog audio recording channels include input patch panel.

NVP-AR-8A	8 analog audio channels	4,500	3,331
NVP-AR-16A	16 analog audio channels	8,500	6,291
NVP-AR-24A	24 analog audio channels	12,500	9,252

Part Number	Description	List  Price  US\$	Maricopa County Contract Price
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## **Administration Management Server (AMS)**

**Note:** .

NVP-V8-AMS	Administration Management Server (SW Package, per site) for version 8	4,500	3,331
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## **Online Storage**

**Notes:**

- 1 NiceVision Pro Recorders support up to 4 Internal HDDs.
- 2 It is mandatory to include online storage items, since basic units do not include storage.

NVP-OLS-HDD250	250GB of storage	1,365	1,010
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**Notes:**

- 1 The external RAID unit price includes the HDDs
- 2 In the case of external RAID, an internal RAID-1 (1+1 mirroring) configuration is automatically ordered (storing the operating system)
- 3 For a list of all supported storage configurations please refer to Appendix B

NVP-REX5-8	External hot swappable RAID- 5 unit storage for a total of 1.7TB	25,500	18,874
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**Notes:**

- 1 The external raid-enabled option is only available in addition to NVP-V8-BAS order
- 2 The customer should order one of the options below, according to the number of external raids

NVP-V8-RD-ENBL-2	An External Raid-enabled option (up to 2 external raids)	3,735	2,764
NVP-V8-RD-ENBL-4	An External Raid-enabled option (up to 4 external raids)	4,000	2,961
NVP-V8-RD-ENBL-6	An External Raid-enabled option (up to 6 external raids)	5,250	3,886



Part Number	Description	List	Maricopa County Contract Price
		Price	
		US\$	

## Near-Line/Archive Storage

**Notes:**

- 1 Basic unit does not include any long-term storage device.
- 2 A Recorder can support a single AIT III drive

NVP-LTS-A3	AIT III drive (100 GB cassettes)	9,600	7,106
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**Notes:**

- 1 The external JB-enabled option is only available in addition to NVP-V8-BAS order

NVP-V8-JB-ENBL	A Jukebox-enabled option	1,415	1047.32
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**Note: Rack Mount Kit should be ordered separately.**

NVP-JB-00	Jukebox Rack Mount Kit	500	370
NVP-JB2-20	20 AIT II cassette Jukebox	25,000	18,504
NVP-JB2-40	40 AIT II cassette Jukebox	34,500	25,535
NVP-JB2-60	60 AIT II cassette Jukebox	42,000	31,087
NVP-JB2-80	80 AIT II cassette Jukebox	39,500	29,236
NVP-JB2-120	120 AIT II cassette Jukebox	51500	38118.11125
NVP-JB2-180	180 AIT II cassette Jukebox	76,000	56,252
NVP-JB2-360	360 AIT II cassettes Jukebox	120,000	88,819
NVP-A2-50	AIT II 50 GB cassette	240	178
NVP-JB3-20	20 AIT III cassette Jukebox	33,400	24,721
NVP-JB3-40	40 AIT III cassette Jukebox	42,100	31,161
NVP-JB3-60	60 AIT III cassette Jukebox	48,500	35,898
NVP-JB3-80	80 AIT III cassette Jukebox	46,500	34,417
NVP-JB3-120	120 AIT III cassette Jukebox	57,500	42,559
NVP-A3-100	AIT III 100 GB cassette	250	185
NVP-A3-100-PAC100	100 units of AIT III 100 GB cassettes	23,500	17,394

Part Number	Description	List	Maricopa County Contract Price
		Price	
		US\$	

## **NiceVision NAS - Central Storage**

**Note :** Storage should be ordered separately. For supported central storage configurations, see Pro Appendix B.

NV-V8-CSM -BS	Central Storage Management server incl. software support	16,000	11,843
NV-CSM-CH1	Per channel - up to 48	250	185
NV-CSM-CH2	Per channel - over 48	200	148
NV-CSM-SITE	Site	35,000	25,906

## **SAN Storage Architecture**

### **Notes:**

- 1 The SAN storage solution allows scalable amounts of storage and local/remote storage architectures**
- 2 The customer should order the desired amount of storage (RAIDS) seperately**
- 3 An additional network card is provided upon the order of a SAN switch**

NVP-SAN	SAN switch, enabling networked storage solutions	35,000	25,906
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## **TTL Triggers (Dry Contact)**

**Note:** TTL Kit also includes the 100-pin cable and the DIO Breaker

NVP-TTL-48-48	Support for 48 IN and 48 OUT dry contacts	4,000	2,961
NVP-TTL-96-00	Support for 96 IN dry contacts	4,250	3,146
NVP-TTL-80-16	Support for 80 IN and 16 OUT dry contacts	4,500	3,331

Part Number	Description	List	Maricopa County Contract Price
		Price	
		US\$	

## **Video Distribution Amplifier** **("loop-through")**

**Note:** Unit features 16 separate 1x4 video distribution channels, self-terminating unused ports

NV-VDA-K16	Video distribution amplifier 16 inputs	3,100	2,294
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## **Applications**

### ***Control***

NVP-APP-AUSR	Additional Control application user license	3,000	2,220
NVP-APP-A5USR	Additional 5 Control application user licenses	12,000	8,882
NVP-APP-SITE	Control application site license	20,000	14,803

### **Notes:**

**1 NiceVision Pro supports the following types of PTZ Controller units:**

- 2.1 American Dynamics - AD S2150X, AD 1024**
- 2.2 Pelco - CM6700, 9740, 9760**
- 2.3 Philips - LTC - 8100, 8200, 8300, 8500, 8600, 8800, 8900**
- 2.4 Ultrak - Max 1000**
- 2.5 Kalatel KTD -348**

**2 The direct PTZ-camera kit should be ordered, when connecting a PTZ in a direct mode**

**3 NiceVision Pro supports the following types of PTZ Camera units in direct connection:**

- 3.1 American Dynamics - 2283**
- 3.2 Kalatel CyberDome PTZ 16PY-q204-05**
- 3.3 Philips**  
**G3B50**
- 3.4 Pelco**  
**DD5BC-X**
- 3.5 Panasonic WV CS854A**

**4 The PTZ software supports PTZ cameras in groups of 32 channels. For example, supporting 40 PTZ channels requires ordering this item twice.**

Part Number	Description	List Price US\$	Maricopa County Contract Price
NVP-V8-PTZ-32-SW	Software support for 32 PTZ cameras	4,000	2,961
NVP-V8-DPTZ	Direct PTZ-camera kit	400	296
NVP-V8-LDB	Media Server and Label Printer	4,000	2,961
<b><u>Note: Each AOS supports 4 analog outputs. Customer should provide the Analog Output Server (see specification in Appendix A).</u></b>			
NVP-V8-AOS	Support for one analog output (Server support)	2,800	2,072
<b><u>Note: Customer should order the Rack Mount Kit separately</u></b>			
NVP-AOS-00	Scan Converter Rack Mount Kit (Supports one and two converters)	560	414

## ***NiceVision Web Application Server***

The User can view the application on:

Windows 2000 Professional  
Windows XP

### **Browsers**

Explorer IE 5.5  
Explorer IE 6.0

### **Resolution**

1024x768 ONLY ( NO 600x800 )

NVP-V8-WEB-SRV	NiceVision Web Application server software	18,000	13,323
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## **Supervision Options**

NVP-V8-APP-FAX	Supervision Fax-Alarm application	2,000	1,480
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## **API**

**Note: For SW support please see Chapter Two**

NVP-V8-API	System API Developer Kit	8,000	5,921
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Part Number	Description	List  Price  US\$	Maricopa County Contract Price
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## Upgrade

### Notes:

- 1 For pricing upgrades of NiceVision Pro options and features,  
add 20% to list price.
- 2 Minimum upgrade order price: **\$3,000**
- 3 A NiceVision Sales Engineer must authorize upgrades prior to placing an order and attach the recorder configuration.
  - 4 Percentages and prices in this chapter relate to the total original sale order price to Nice (Transfer Prices).

### Notes:

- 1 Upgrade from version 7.1 SPxx to version 8 is available for channel and/or storage expansion only
- 2 Upgrade to version 8 is not available for recorders, which include audio
- 3 Upgrade for internal storage is not available
- 4 The AMS upgrade is also required for supporting Raids upgrade

NVP-RUG-V7V8	Recorder software upgrade from version 7.1 (SP xx) to version 8, per Recorder	2,000	1,480
NV-APUG-V8	Application management software upgrade to version 8, including a single user license for NiceVision's Control application (per site)	2,500	1,850
<b>The following item is used for expanding an existing PRO recorder with additional Video Capure board (for Pro versions 7.1 and up)</b>			
NVP-VICO2.5-ADD	Additional Video Capture board supporting 8 cameras at 30/25fps, 16 cameras at 15/12.5fps	13,800	10,214
NVP-RT-ADD8-SW	Additional recording support for 8 cameras, at up to 30/25 fps.	9,600	7,106
NVP-HRES-ADD8-SW	Additional recording support for high resolution, 8 cameras, at up to 15/12.5 fps.	9,600	7,106
NVP-HRT-ADD16-SW	Additional recording support for 16 cameras, at up to 15/12.5 fps.	4,800	3,553
NVP-HRES-ADD16-SW	Additional recording support for high resolution, 16 cameras, at up to 7.5/6 fps.	4,800	3,553

Part Number	Description	List	Maricopa County Contract Price
		Price	
		US\$	

Part Number	Description	Transfer	Availabilit y
		Price	
		US\$	

## **Chapter Two**

### **Services**

### **Spare Parts Kit**

**Note:** For contents, see Spare Part Price List

NVP-SPK-V8-BAS	Basic Kit support for up to 5 NiceVision Version 8.0 Pro Recorders	6,800	5,033
NVP-SPK-V8-5ERDMAX	Additions to Basic kit Version 8 with up to 5 External Maxtronic Raid units	4,000	2,961
NVP-SPK-V8-5JBAIT2	Additions to Basic Kit version 8, with up to 5 AIT-2 Jukeboxes	6,250	4,626
NVP-SPK-V8-5JBAIT3	Additions to Basic Kit version 8, with up to 5 AIT-3 Jukeboxes	9,700	7,180

### **Documentation**

**Note:** Documentation CD includes the Control User's Manual translated to French, German, Spanish and Hebrew.

NVP-V8-DOC-CD	Additional NiceVision version 8 documentation CD	100	74
NV-V8-EUT-CD	Computer-based End-User Training CD for version 8.xx	100	74

Part Number	Description	List	Maricopa County Contract Price
		Price	
		US\$	

## **Chapter One**

### **NiceVision Harmony Basic System**

#### **Basic Recorders**

NVH-V8-BAS	NiceVision Harmony recording support for 16 cameras of 3.75 NTSC/3.125 PAL fps.	<b>\$10,500</b>	<b>\$7,772</b>
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### **Additional Features and Capabilities**

#### ***Recording***

NVH-V8-VICO-ADD1	Additional Video Capture board supporting up to 16 cameras at 3.75 NTSC/3.125 PAL fps.	5,000	3,701
NVH-V8-ADD16-SW	Additional recording support for 16 cameras, at 4 fps.	2,500	1,850

**Note:** (Option) Customer may order cable kit solution.

NVH-BNCK-ADD16	Additional 16 BNC connectors cable kit (cable and 19"/1U rack mount patch panel).	325	241
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#### **IP (Network) Recording**

**Notes:**

- 1** When adding IP channels to a Harmony recorder, an additional network card will be supplied for supporting the segregation of the collection and monitoring networks
- 2** When adding IP channels to a Harmony recorder, only 2 VICO boards can be installed

Part Number	Description	List	Maricopa County Contract Price
		Price	
		US\$	

**3 When adding IP channels to a Harmony recorder, you may add up to 4 IP channels at 4 / 3 fps at CIF resolution**

**4 IP channels can only be added to a Version 8 recorder**

**5 IP channels can only be added to NV-IP-V8-BAS or to NVH-V8-BAS with at least 1 VICO board**

**Supported IP cameras and video servers:**

**1) Axis 2420 (camera)**

**2) Axis 2120 (camera)**

**3) Axis 2400 (video server)**

NV-IP-8	Support for 8 cameras over IP	7,000	5,181
NV-IP-16	Support for 16 cameras over IP	9,600	7,106
NV-IP-32	Support for 32 cameras over IP	12,800	9,474
NV-IP-48	Support for 48 cameras over IP	16,800	12,435
NV-IP-64	Support for 64 cameras over IP	19,200	14,211
NV-IP-4CIF-8	Support for 8 cameras over IP, up to 7.5/6.25fps at 4CIF resolution	10,000	7,402

## ***Online Storage***

**Notes:**

**1 Harmony Recorders support up to 4 HDDs**

**2 It is mandatory to include online storage items, since basic units do not include storage.**

NVH-OLS-HDD250	250GB of storage	1,365	1,010
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**Notes:**

**1 In the case of external RAID, an internal RAID-1 (1+1mirroring) is provided**

**2 For a list of all supported storage configurations, please refer to Appendix B**

NVH-RIN1-01	Internal RAID-1 (Mirroring) support	3,850	2,850
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**Notes:**



Part Number	Description	List	Maricopa County Contract Price
		Price	
		US\$	

1 Harmony Recorders support a total of 2 external RAID-5 units (8-bay or 16 bay).

2 The external RAID unit prices include the HDDs.

3 A mix of 8 bay and 16 bay raids is not allowed

4 For a list of all supported storage configurations please refer to Appendix B

NVH-REX5-8	External hot swappable RAID-5 unit storage for a total of 1.7TB	25,500	18,874
NVH-REX5-16	External hot swappable RAID-5 unit storage for a total of 3.7 TB	50,000	37,008

## ***Near-Line/Archiving Storage***

### **Notes:**

1 Basic units do not include any long-term storage device. Nunt

2 A single AIT III drive is supported per Recorder.

3 See storage specification in Appendix B

NVH-LTS-A3	AIT III drive (100 GB cassettes)	9,600	7,106
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### **Notes:**

**Note:** Rack Mount Kit should be ordered separately.

NVH-JB-00	Jukebox Rack Mount Kit	500	370
NVH-JB3-20	20 AIT III cassette Jukebox	33,400	24,721
NVH-JB3-40	40 AIT III cassette Jukebox	42,100	31,161
NVH-JB3-60	60 AIT III cassette Jukebox	48,500	35,898
NVH-JB3-80	80 AIT III cassette Jukebox	46,500	34,417
NVH-A3-100	AIT III 100 GB cassette	250	185
NVH-A3-100-PAC100	100 units of AIT III 100 GB cassettes	23,500	17,394

**Note:** See specification in Appendix B

Part Number	Description	List	Maricopa County Contract Price
		Price	
		US\$	
NVH-CDRW	Writable CD	500	370

## **NiceVision NAS - Central Storage**

**Note :** Storage should be ordered separately. For supported central storage configurations, see Harmony Appendix B.

NV-V8-CSM -BS	Central Storage Management server incl. software support	16,000	11,843
NV-CSM-CH1	Per channel - up to 48	250	185
NV-CSM-CH2	Per channel - over 48	200	148
NV-CSM-SITE	Site	35,000	25,906

## **SAN Storage Architecture**

### **Notes:**

- 1 The SAN storage solution allows scalable amounts of storage and local/remote storage architectures**
- 2 The customer should order the desired amount of storage (RAIDS) seperately**

NV-SAN	SAN switch, enabling networked storage solutions	35,000	25,906
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## ***TTL Triggers (Dry Contacts)***

### **Notes:**

**The Harmony default built-in dry contacts settings is 24 Inputs and 8 Outputs. If different settings are required, use the following part numbers:**

NVH-MTTL-00-32	Built-in support for 0 Inputs and 32 Output dry contacts
NVH-MTTL-08-24	Built-in support for 8 Inputs and 24 Output dry contacts
NVH-MTTL-16-16	Built-in support for 16 Inputs and 16 Output dry contacts
NVH-MTTL-24-08	Built-in support for 24 Inputs and 8 Output dry contacts
NVH-MTTL-32-00	Built-in support for 32 Inputs and 00 Output dry contacts

Part Number	Description	List	Maricopa County Contract Price
		Price	
		US\$	

## Video Distribution Amplifier ("loop-through")

**Note: Unit features 16 separate 1x4 video distribution channels, self-terminating unused ports.**

NV-VDA-K16	Video distribution amplifier 16 inputs	3,100	2,294
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## Applications

### ***Control***

NVH-APP-AUSR	Additional Control application user license	3,000	2,220
NVH-APP-A5USR	Additional 5 Control application user licenses	12,000	8,882
NVH-APP-SITE	Control application site license	20,000	14,803

#### **Notes:**

- 1 An external AMS should be ordered, when more than 3 recorders are connected to it**
- 2 Customer provides the required PC. For AMS specifications, see Harmony Appendix A.**

NVH-V8-AMS	Administration Management Server (SW Package )	4,500	3,331
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#### **Notes:**

- 1 NiceVision Harmony supports the following types of PTZ Controller Units:**

**2.1 American Dynamics - AD S2150X, AD 1024**

**2.2 Pelco - CM6700, 9740, 9760**

**2.3 Philips - LTC - 8100, 8200, 8300, 8500, 8600, 8800, 8900**

**2.4 Ultrak - Max 1000**

**2.5 Kalatel KTD -348**

- 2 The direct PTZ-camera kit should be ordered, when connecting a PTZ in a direct mode**

Part Number	Description	List  Price  US\$	Maricopa County Contract Price
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**3 NiceVision Harmony supports the following PTZ cameras in direct mode:**

**3.1 American Dynamics - 2283, AD S2150X, AD 1025**

**3.2 Kalatel CyberDome PTZ 16PY-q204-05**

**3.3 Philips G3B50**

**3.4 Pelco DD5BC-X, SpectraDome 2**

**3.5 Panasonic WV CS854A**

**4 The PTZ software supports PTZ cameras in groups of 32 channels. For example, supporting 40 PTZ channels requires ordering this item twice.**

NVH-V8-PTZ-32-SW	Software support for 32 PTZ cameras	4,000	2,961
NVH-V8-DPTZ	Direct PTZ-camera kit	400	296
NVH-V8-LDB	Media Server and Label Printer	4,000	2,961

**Note: Customer should provide the Analog Output Server (see Appendix A for specification).**

NVH-V8-AOS	Support for one analog output	2,800	2,072
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**Note: Customer should order the Rack Mount Kit separately**

NVH-AOS-00	Scan Converter Rack Mount Kit (supports one and two converters)	560	414
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## ***NiceVision Web Application Server***

**Note : Customer should provide Internet Information Server ( See specifications in Appendix A)**

The user can view the application on:

Windows 2000 Professional

Windows XP

Browsers

Explorer IE 5.5

Explorer IE 6.0

Resolution

1024x768 ONLY ( NO 600x800 )

Part Number	Description	List Price US\$	Maricopa County Contract Price
NVH-V8-WEB -SRV	NiceVision Web application server software	18,000	13,323

## ***Supervision Options***

**Note:** Supported on Win 2000 only.

NVH-V8-APP-FAX	Supervision Fax-Alarm application	2,000	1,480
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## ***API***

**Note:** For SW support please see Chapter Two.

NVH-V8-API	System API developer kit (32 BIT)	8,000	5,921
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## **Upgrade**

**Notes:**

- 1 For pricing upgrades of NiceVision Harmony options and features, add 20% to list price.
- 2 Minimum upgrade order price: **\$3,000** 2,220
- 3 A NiceVision Sales Engineer must authorize upgrades prior to placing an order.
- 4 Percentages and prices in this chapter relate to the total original sale order price to Nice (Transfer Prices).

The following upgrades will be available for Harmony recorders on October 2003

**Note:**

- 1 The following items should be used to upgrade Harmony versions 6.xx/7.xx to version 8.0
- 2 The AMS upgrade is also required for supporting raids upgrade
- 3 Upgrade will not include the addition of the Video Matrixing & Dry Contacts board

Part Number	Description	List Price US\$	Maricopa County Contract Price
NVH-RUG-V8	Recorder software upgrade from version 6.xx/7.xx to version 8 (per Recorder)	2,000	1,480
NV-APUG-V8	Application management software upgrade to version 8, including a single user license for NiceVision's Control application (per site)	2,500	1,850

Part Number	Description	Transfer Price (US -\$)	Availability
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## **Chapter Two**

### **Services**

#### ***Spare Parts Kit***

**Note:** For contents, see Spare Part Price List

NVH-SPK-V8-BAS	Basic Kit support for up to 10 NiceVision Version 8 Harmony Recorders	5,100	3,775
NVH-SPK-5ERDMAX	Additions to Basic kit with up to 5 External Maxtronic RAID units	3,900	2,887
NVH-SPK-V8-5JB	Additions to Basic kit Version 8.0 with up to 5 Jukeboxes	9,550	7,069

### **Documentation**

**Note:** Documentation CD includes the Control User's Manual translated to French, German and Spanish.

NVH-V8-DOC-CD	Additional NiceVision version 8 documentation CD	100	74
NV-V8-EUT-CD	Computer-based End-User Training CD for version 8.xx	100	74

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Terms:	NET 30
Federal Tax ID Number:	86-0635719
Vendor Number:	860635719 A
Telephone Number:	623/581-0101
Fax Number:	623/581-9726
Contact Person:	Meghan Uhl
E-mail Address:	<a href="mailto:meghan@assiaz.com">meghan@assiaz.com</a>
Company Web Site:	<a href="http://www.assiaz.com">www.assiaz.com</a>
Certificates of Insurance	Required
Performance Bond Required	\$500,000.00
Contract Period:	To cover the period ending <b>February 28, 2006.</b>